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Product Data Sheet

General Description

PRODUCT CODE: E0SR80
PRODUCT NAME: TYCO RED
CHEMISTRY: EPOXY
SURFACE FINISH: SMOOTH

Application Recommendation

Surface preparation: All oil and grease, scale and rust, must be removed.
Pretreatment: Iron or Zinc phosphate is recommended for optimum performance.
Cure Schedule: 10 min. at 400 Deg. F or 15 min. at 375 Deg. F, Metal temperature.
Film thickness: 2-3 mils.
Weatherability: Indoor, general metal application.
Advantage: Excellent application efficiency and recoat ability.
Unique ability to achieve good flow at low film thickness.

Designed for electrostatic application. This Epoxy powder coating is developed to meet/Exceed specification set forth MIL-C-24712

Shelf life is expected to be at least one year from date of shipment when stored in dry conditions at less than 80 Deg. F.(27 Deg. C.)

Typical Performance Characteristics

Specific Gravity	Calculated	1.52
Coverage	Calculated	127 squares foot/lb./mil
Particle Size	ASTM D3451	0-10% over 200 Mesh
	Alpine Jet Sieve	40-45% over 400 Mesh
Gloss 60 Degree	ASTM D 523	5-6 units
Impact Resistance	ASTM D 2794	100 in.lbs.Direct/ 100 in.lbs. Reverse
Flexibility	ASTM D 522	Pass 1/8" Mandrel
Pencil Hardness	ASTM D 3363	2H
Adhesion	ASTM D 3359	5B Method B
Salt Spray Resistance	ASTM B 117	1000+ hours
Humidity Resistance	ASTM D 2247	1000+ hours

This Epoxy Powder Coating is developed to meet/exceed compliance set forth in THE EUROPEAN UNION 2002/95/EC on the restriction of the use of certain hazardous substance in electrical and electronic equipment. (RoHS DIRECTIVE. ARTICLE 4.1)

Testing performed on Bonderite B1000 panels.

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